

Manual Wheelchair

TiLite Matrix



permobil

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	Titanium Performance		Titanium Adjustable		Aluminium Adjustable		Folding Wheelchairs	
	TiLite TR	TiLite ZR	TiLite TRA	TiLite ZRA	TiLite Aero T	TiLite Aero Z	TiLite Aero X	TiLite 2GX
Frame features	1" Titanium Dual-Tube Ultimate TiFit	1.25" Titanium Mono-Tube Ultimate TiFit	1" Titanium Dual-Tube Adjustable TiFit	1.25" Titanium Mono-Tube Adjustable TiFit	1" Aluminium Dual-Tube Adjustable TiFit	1.25" Aluminium Mono-Tube Adjustable TiFit	1" Aluminium Box Frame Modular Design	1" Titanium Box Frame Modular Design
Seat width	12" – 20" (30 - 51 cm)	10" – 20" (25 - 51 cm)	12" – 20" (30 - 51 cm)	10" – 20" (25 - 51 cm)	12" – 20" (30 - 51 cm)	10" – 20" (25 - 51 cm)	12" – 22" (30 - 56 cm)	12" – 22" (30 - 56 cm)
Seat depth	12" – 20" (30 - 51 cm)	10" – 20" (25 - 51 cm)	12" – 20" (30 - 51 cm)	10" – 20" (25 - 51 cm)	12" – 20" (30 - 51 cm)	10" – 20" (25 - 51 cm)	12" – 20" (30 - 51 cm)	12" – 20" (30 - 51 cm)
Front seat height	15" – 21" (38 - 53 cm)	16" – 21" (41 - 53 cm)	15" – 21" (38 - 53 cm)	16" – 21" (41 - 53 cm)	15" – 21" (38 - 53 cm)	16" – 21" (41 - 53 cm)	13.5" – 21" (34 - 53 cm)	13.5" – 21" (34 - 53 cm)
Rear seat height	12.5" – 20" (32 - 51 cm)	12.5" – 20" (32 - 51 cm)	12.5" – 20" (32 - 51 cm)	12.5" – 20" (32 - 51 cm)	12.5" – 20" (32 - 51 cm)	12.5" – 20" (32 - 51 cm)	13" – 20" (33 - 51 cm)	13" – 20" (33 - 51 cm)
Front frame angle	70°, 75°, 80°, 85° or 90°	70°, 75°, 80°, 85°, or 90°	70°, 75°, 80°, 85°, or 90°	70°, 75°, 80°, 85°, or 90°	70°, 75°, 80°, 85°, or 90°	70°, 75°, 80°, 85°, or 90°	Fixed Front — 70°, 80°, or 85° Swing Away — 70°, 80°, 85°, or 90°	Fixed Front — 70°, 80°, or 85° Swing Away — 70°, 80°, 85°, or 90°
Seat back type	Folding Seat Back Adj. Height 9.5" – 22" (24 - 56 cm) Adj. Angle 80° – 101° Fixed Seat Back Fixed Height 5" – 20" (13 - 51 cm) Fixed Angle 80° – 101°	Folding Seat Back Adj. Height 9.5" – 22" (24 - 56 cm) Adj. Angle 80° – 101° Fixed Seat Back Fixed Height 8" – 20" (20 - 51 cm) Fixed Angle 80° – 101°	Folding Seat Back Adj. Height 9.5" – 22" (24 - 56 cm) Adj. Angle 80° – 101°	Folding Sea t Back Adj. Height 9.5" – 22" (24 - 56 cm) Adj. Angle 80° – 101°	Folding Seat Back Adj. Height 9.5" – 22" (24 - 56 cm) Adj. Angle 80° – 101°	Folding Seat Back Adj. Height 9.5" – 22" (24 - 56 cm) Adj. Angle 80° – 101°	Folding Seat Back Adj. Height 11" – 20.5" (28 - 52 cm) Adj. Angle 80° – 101° Fixed Seat Back Adj. Height 11" – 20" (28 - 51 cm)	Folding Seat Back Adj. Height 11" – 20.5" (28 - 52 cm) Adj. Angle 80° – 101° Fixed Seat Back Adj. Height 11" – 20" (28 - 51 cm)
Centre of gravity adjustment	5" (13 cm)	2.25" (6 cm)	5" (13 cm)	5" (13 cm)	5" (13 cm)	5" (13 cm)	6" (15 cm)	6" (15 cm)
Transit options*	-	Transport Bracket	-	Transport Bracket Transit Tie-Down	-	Transport Bracket Transit Tie-Down	Transport Bracket Transit Tie-Down	Transport Bracket
Transport weight**	4.2 kg	4.2 kg	5 kg	4.8 kg	5.4 kg	5.6 kg	Fixed Front — 7 kg Swing Away — 8.2 kg	Fixed Front — 5.9 kg Swing Away — 7 kg
Weight limit	120 kg	Standard — 120 kg Heavy Duty — 136 kg	Standard — 120 kg Heavy Duty — 159 kg	Standard — 120 kg Heavy Duty — 136 kg	Standard — 120 kg Heavy Duty — 159 kg	120 kg	Standard — 120 kg Heavy Duty — 159 kg	Standard — 120 kg Heavy Duty — 159 kg

*See Owners Manuals at www.permobil.com/en-au for specifications, limitations and precautions.

**Weights based on 16" x 16" wheelchairs (12" x 12" for youth chairs) with all standard features except rear wheels. For reference, a pair of standard 24" rear wheels weighs 3.3 kg. For youth chairs, a pair of standard 22" rear wheels weighs 3.2 kg. A pair of standard wheel locks weighs 0.4 kg.



Paediatric	Aluminium	Carbon / Aluminium
	TiLite Twist	TiLite Pilot
Frame features	1" Aluminium Dual-Tube Adjustable TiFit	1" Carbon/Aluminium Mono-Tube Growable
Seat width	8" – 15" (20 - 38 cm)	8" – 14" (20 - 35 cm)
Seat depth	8" – 16" (20 - 41 cm)	9" – 15" (23 - 38 cm)
Front seat height	13" – 20" (33 - 51 cm)	12" – 16.5" (30 - 42 cm)
Rear seat height	12" – 19.5" (30 - 49 cm)	12" – 16.5" (30 - 41 cm)
Front frame angle	70°, 80°, or 90°	–
Seat back type	Folding Seat Back Adj. Height 8.5" – 21" (21 - 53 cm) Adj. Angle 80° – 101°	Non-Folding Adjustable-Height Rigid Back Adj. Height 2" (5 cm) Adj. Angle 80° – 101°
Center of gravity adjustment	6" (15 cm)	3" (7.5 cm)
Transit options [*]	Transit Tie-Down	Transport Bracket Transit Tie-Down
Transport weight ^{**}	5.4 kg	4.9 kg
Weight limit	75 kg	54 kg

^{*}See Owners Manuals at www.permobil.com/en-au for specifications, limitations and precautions.

^{**}Weights based on 16" x 16" wheelchairs (12" x 12" for youth chairs) with all standard features except rear wheels. For reference, a pair of standard 24" (540) rear wheels weighs 3.3 kg. For youth chairs, a pair of standard 22" (501) rear wheels weighs 3 kg. A pair of standard wheel locks weighs 0.4 kg.